Quick Start Guide
for
Digital Phone Card™
for Pocket PCs

The Socket Digital Phone Card (DPC) allows you to connect your data-capable mobile phone to your favorite Windows Powered Pocket PC, Pocket PC 2002 or other Windows CE-based mobile computer. Now you can check email, browse the web, connect to your corporate network and synchronize files — **all wirelessly!**

The DPC works with any application that you use with a regular modem. You can use the DPC with these Windows CE-based mobile computers:

- Mobile computers based on Windows CE v3.0
  (i.e., Pocket PC, Pocket PC 2002, and Handheld PC 2000)
- Mobile computers based on Windows CE v2.11
  (i.e., Palm-size PC, Handheld PC and Handheld PC Pro)

This *Quick Start Guide* briefly describes how to set up and use the DPC for Windows CE-based mobile computers.

For more detailed information, please refer to the User's Guide, in Adobe Acrobat PDF format in the Docs folder on the installation CD.

With the Upgrade Kit for Data-Capable Phones, you can also use the DPC with Windows 9x/Me/2000/XP notebooks and Apple PowerBooks. For more information, please visit: *www.socketcom.com/product/dpc.htm*

For software updates, visit: *www.socketcom.com/support/support_dpc.htm*
Your retail box may not completely list all the mobile phones compatible with your version of the DPC. For a complete, up-to-date listing, please visit: *www.socketcom.com/product/dpc.htm*

Installation Steps Summary

STEP 1: Register your card.
STEP 2: Activate data service for your mobile phone.
STEP 3: Complete the Network Information Form.
STEP 4: Uninstall old Socket DPC software.
STEP 5: Install the software.*
STEP 6: Insert the card and attach the phone.
STEP 7: Set up remote networking.
STEP 8: Make a data call.

**Software installation is not needed for HP Jornada 500 series Pocket PCs.*

Different Windows CE Device Types

Because the interface for different Windows CE-based mobile computers varies, some installation steps will be divided into sections based on Windows CE device type. The two device types include:

- Pocket PC Devices
  (i.e., Pocket PCs and Pocket PC 2002s)
- Palm-size and Handheld PC Devices
  (i.e., Palm-size PCs, Handheld PC 2000s, Handheld PC Pros, and pen tablets)

Warning! Pocket PCs are not the same as Palm-size PCs!
For some steps, setup differs for the two mobile computers!

Pocket PCs and Pocket PC 2002s are based on Windows CE v3.0, while Palm-size PCs are based on Windows CE v2.11. If you are not sure whether you have a Pocket PC or Palm-size PC, you can find out by identifying what Windows CE version your mobile computer has. This is sometimes labeled as the Core System Version.

To determine the Windows CE version of your mobile computer, go to either:

- **Start | Settings | System.** On some mobile computers, you also need to click on the **About** icon.
- **Start | Settings | Control Panel | System**. In the **System Properties** screen, click on the **System** tab.

STEP 1: Register Your Card

Register your DPC online at *www.socketcom.com/product/prodreg.htm.* You can also use the product registration form included in your DPC package.

STEP 2: Activate Data Service for Your Phone

Some mobile phone carriers activate data service only when requested and may charge small fees. If necessary, ask your phone carrier for this feature.

Important!

If data service is not activated for your mobile phone, then you will not be able to use your phone for any data connections!

STEP 3: Network Information Form

Contact your office network administrator or Internet Service Provider (ISP) for the information below. If you plan to use ISP services offered by your mobile phone carrier, contact your carrier.

For a text-only form that you can email, go to the *Docs* folder on the installation CD or visit: *www.socketcom.com/pdf/dpcform.txt*

1. Please provide the following dial-up information:

   Dial-up number: (____) _____

   User name: _____

   Password: _____

   Domain: _____

2. Does the network support DHCP (Dynamic Host Configuration Protocol)?

   ☐ **YES**. If *Yes*, then STOP. You do NOT need to answer Question 3.

   ☐ **NO**. If *No*, then continue to Question 3. You may need only some of the IP addresses listed below.

3. Please specify any applicable IP addresses:

   (a) Mobile Computer IP address: _____ . _____ . _____ . _____

   (b) Subnet Mask: _____ . _____ . _____ . _____

   (c) Default Gateway: _____ . _____ . _____ . _____

   (d) Primary DNS: _____ . _____ . _____ . _____

   (e) Secondary DNS: _____ . _____ . _____ . _____

   (f) Primary WINS: _____ . _____ . _____ . _____

   (g) Secondary WINS: _____ . _____ . _____ . _____

For remote ActiveSync only: If your server does NOT have WINS services enabled, you must use the IP address of your host computer instead of a Primary WINS address.

   (h) Host computer IP address: _____ . _____ . _____ . _____

STEP 4: Uninstall Old Socket DPC Software

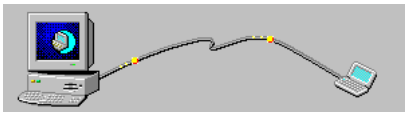
Delete any old Socket DPC software that you may have previously installed on the mobile computer. Refer to the README on the installation CD for uninstall procedures.

STEP 5: Install the Software

Important! For HP Jornada 500 series Pocket PCs, the software drivers are pre-installed! Go ahead and connect the hardware.

Follow these steps for software installation BEFORE inserting the DPC:

1. Make an active partnership between the mobile computer and a host PC.



An active partnership exists if data can be transferred between the mobile computer and host PC via a serial/USB/Ethernet connection cable or cradle.

2. Insert the *Socket Digital Phone Card Installation CD* into the host PC.
3. Run the SETUP.HTM or SETUP.EXE file on the CD-ROM, depending on what web browser your host PC uses by default.

➢ IF YOUR DEFAULT WEB BROWSER IS INTERNET EXPLORER, run the SETUP.HTM file:

(a) Click **Start | Run** on the host PC. Type **`X:\SETUP.HTM`** (Replace X with your CD drive letter.)
(b) In the **File Download** screen, select the option that lets you run (or open) the file from its current location.

IMPORTANT! YOU MUST RUN THE FILE! DO NOT SAVE IT!

File Download
You have chosen to download a file from this location.
setup.exe from R:\LPE CD 101C\WinCE
What would you like to do with this file?
Run this program from its current location
Save this program to disk
Always ask before opening this type of file
OK
Cancel
More Info

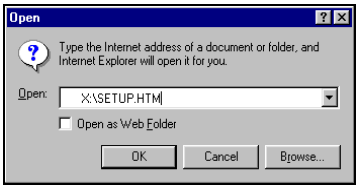
File Download screen from Internet Explorer 5.5

(c) A **Security Warning** screen will appear. Click **Yes**.

➢ IF YOUR DEFAULT WEB BROWSER IS NETSCAPE, DO NOT run the SETUP.HTM file on Netscape, because it will not work properly.

Instead, choose either of two options:

OPTION ONE: Use Internet Explorer to run the SETUP.HTM file.
(a) In the Internet Explorer screen, click **File | Open**.
(b) In the **Open** screen, type **`X:\SETUP.HTM`**
(Replace X with your CD drive letter.)



Open screen from Internet Explorer 5.5

(c) Proceed with the instructions described on the previous page for Internet Explorer.

OPTION TWO: Run the SETUP.EXE file.
Click on **My Computer** or use Windows Explorer to manually browse the CD to the WinCE (or other appropriate directory) and manually launch the **`SETUP.EXE`** file found there.

Important! Be sure to choose the SETUP.EXE file, NOT the SETUP.HTM file. The two file types have different icons:

EXE icon

HTM icon for Netscape

4. Follow the instructions on the host PC screen until setup is done.

   Note: After completing setup, your host PC may display an **Application Downloading Complete** *screen. Click* **OK**.

5. Disconnect the mobile computer from the host computer.

6. Soft reset the mobile computer. Push the reset button, often on the back of the mobile computer.

STEP 6: Insert the Card and Attach the Phone

Insert the Card

With the mobile computer turned ON, insert the DPC into your mobile computer's card slot. Make sure the card's purple label is on top.

Plug the card directly into a CompactFlash I/O slot.

OR

Plug the card into a PC Card adapter, then insert combined unit into a PC Card slot.

When properly inserted, the card will be fully contained within the slot, with only the connector and cable protruding. Your mobile computer may not do anything to signal successful card insertion.

Warning! Do NOT insert the DPC upside down, or damage may occur!

Attach the Phone

After inserting the DPC, connect the free end of the data cable to the data port of your mobile phone.

The data port is typically on the bottom or side of the mobile phone. In most cases, it is the same port used for charging your phone.

STEP 7: Set up Remote Networking

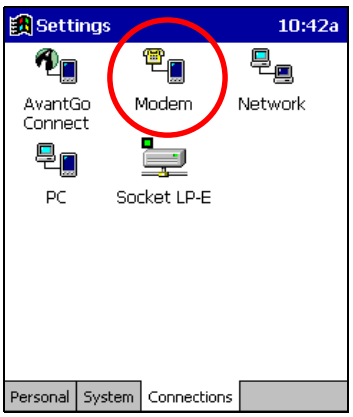
You will need your completed Network Information Form for this step.

Remote Networking for Pocket PC Devices

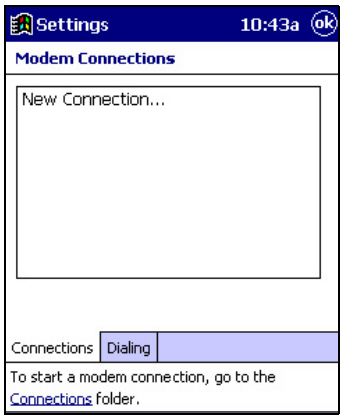
This section primarily shows Pocket PC 2002 screens. Pocket PCs will have functionally equivalent screens except where otherwise noted.

1. Go to **Start | Settings | Connections**.

2. Pocket PC — Tap on **Modem**. In the next screen, tap **New Connection**...

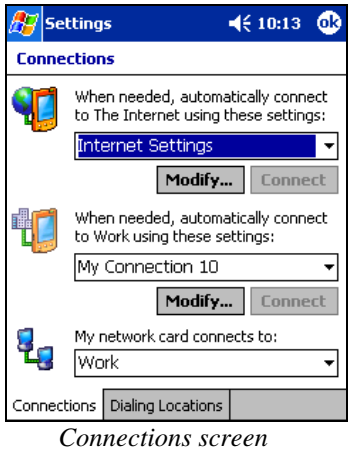


Connections screen

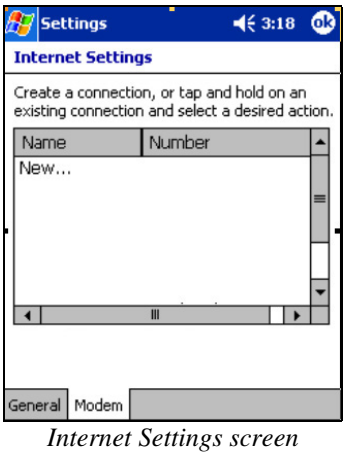


Modem Connections screen

Pocket PC 2002 — Tap on **Connections**. In the next screen, in the top field, select **Internet Settings**. Tap **Modify**... In the next screen, tap **New**...

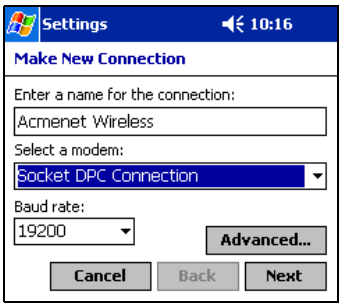


Connections screen



Internet Settings screen

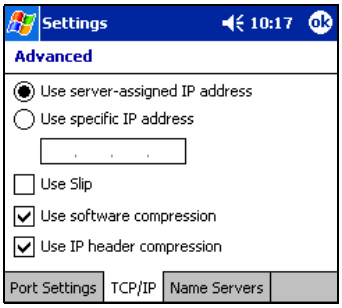
3. In the **Make New Connection** screen, enter a name for the connection. In the **Select a modem** field, select **Socket DPC Connection**. Make sure the **Baud Rate** is set to **19200** bps.



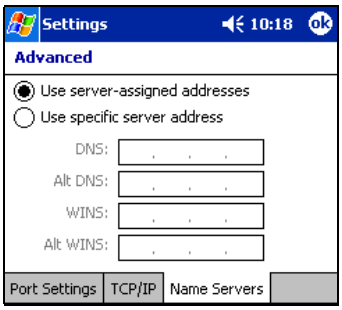
Make New Connection screen

4. Tap on **Advanced**... Do NOT change the default settings in **Port Settings**.

   - If using DHCP, you can probably keep the default settings in the **TCP/IP** and **Name Servers** screens. Tap **ok**.
   - If NOT using DHCP, click on the **TCP/IP** and/or **Name Servers** tabs and follow your Network Information Form to enter any necessary IP addresses. When done, tap **ok**.



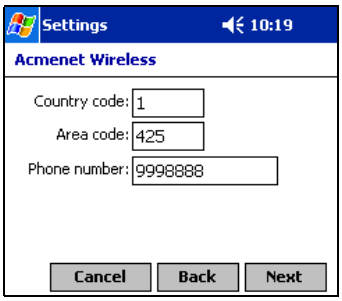
TCP/IP screen



Name Servers screen

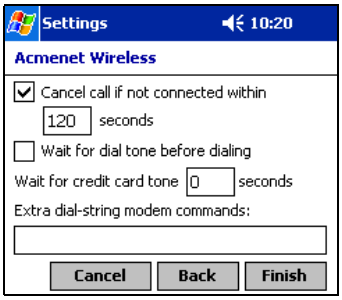
5. When you return to the **Make New Connection** screen, tap **Next**.

6. In the next screen, enter the dial-up number and tap **Next**. Spaces or dashes are not required within the phone number.



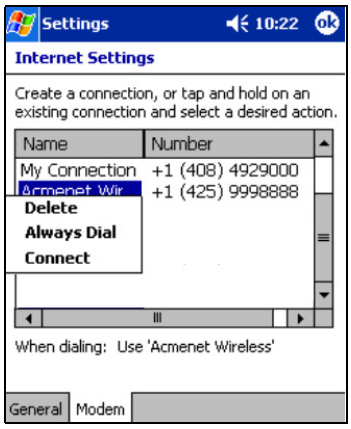
Phone number screen

7. In the next screen, uncheck **Wait for dial tone before dialing**. Tap **Finish**.



Dialing settings screen

8. Pocket PC 2002 only: After finishing connection setup, you will return to **Internet Settings**. If multiple connections exist, then you must set up the device to dial the DPC connection. Tap and hold your stylus on the DPC connection. In the menu, select **Always Dial**. The bottom of the screen should now report that when dialing, it will use this connection. Tap **ok**.



Internet Settings screen

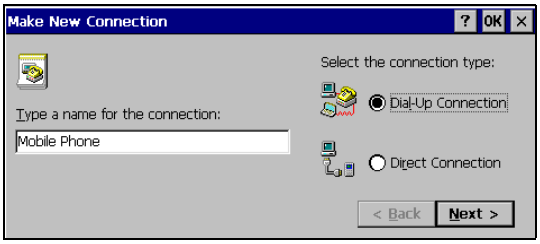
Remote Networking for Palm-size and Handheld PC Devices

This section primarily shows Handheld PC screens. Palm-size PCs, HPC 2000s, and pen tablets will have functionally equivalent screens. Any significant differences will be noted.

1. Palm-size PC: Go to **Start | Programs | Communications | Connections | Make New Connection**.

   Handheld PC or pen tablet: Go to **Start | Programs | Communication | Remote Networking | Make New Connection**.

2. In the **Make New Connection** screen, enter a name for the connection, such as "Mobile Phone." Select **Dial-Up Connection**, then tap **Next>**.

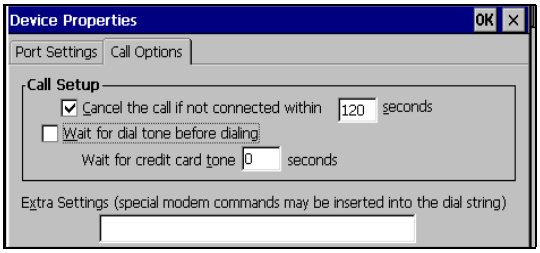


Make New Connection screen

3. The **Make New Dial-Up Connection** screen will appear. In the **Select a modem** menu, select **Socket DPC Connection**. Tap on **Configure...**

4. In **Device Properties**, ignore **Port Settings** and tap on the **Call Options** tab.

5. In **Call Options**, uncheck **Wait for dial tone before dialing**. Tap **OK**.

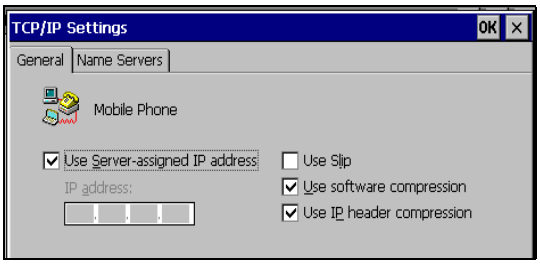


Call Options screen

6. In **Make New Dial-Up Connection**, tap on **TCP/IP Settings**...

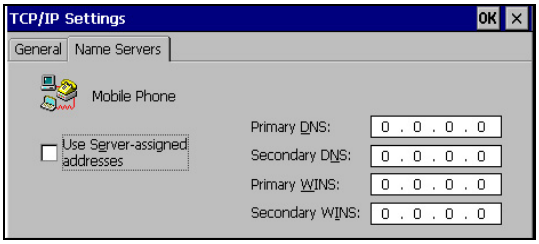
7. In the **TCP/IP Settings** screen, follow your Network Information Form to enter settings appropriate to your office network or ISP.

   - If using DHCP, check **Use server-assigned IP address**. Tap **OK**.



General TCP/IP Settings screen

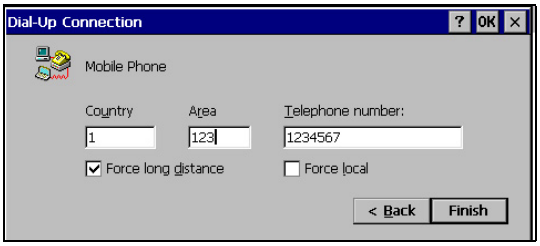
   - If NOT using DHCP, uncheck **Use server-assigned IP address**. Enter your mobile computer IP address in the **IP address** field, and tap on the **Name Servers** tab to enter DNS and/or WINS addresses. Tap **OK**.



Name Servers screen

8. In the **Make New Dial-Up Connection** screen, tap **Next>**.

9. In the next screen, enter the phone number of your office network or ISP. Check **Force long distance**, then tap on the **Finish** button.



Phone number screen

STEP 8: Make a Data Call

Preliminary Checklist

- ❑ Is the card properly inserted into your mobile computer, and is the cable connected securely to your mobile phone?
- ❑ Is the phone receiving a digital signal? A D or equivalent will appear on the display of some phones.
- ❑ Is the mobile phone's signal strength sufficient? A minimum strength of two bars is recommended, but some phones can send data with one. For a better signal, raise the antenna, hold the phone upright, and/or relocate.
- ❑ Does your phone have enough battery power for your data call?

Making a Data Call for Pocket PC Devices

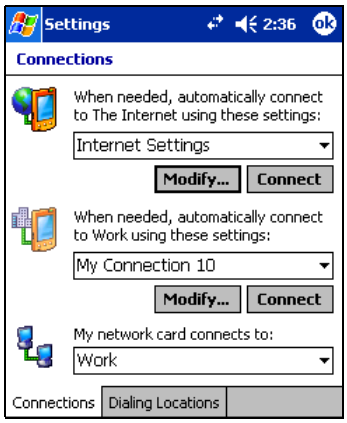
This section primarily shows Pocket PC 2002 screens. Pocket PCs will have functionally equivalent screens except where otherwise noted.

Placing a Data Call

1. If not already open, start the connection you created for the DPC during remote networking setup:

   Pocket PC: Go to **Start | Programs | Connections**.
   Tap on the connection you created for the DPC.

   Pocket PC 2002: Go to **Start | Settings | Connections | Connections**.
   In the top field, select **Internet Settings**. Tap **Connect**.

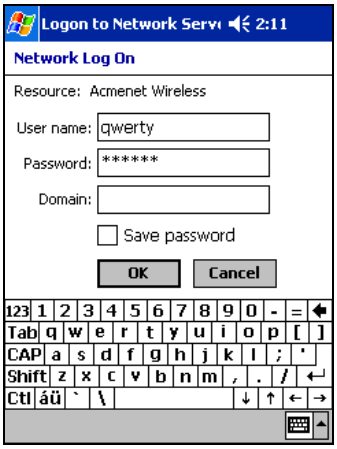


Connections screen

Important! For Internet Settings, the Pocket PC 2002 must be set to use (i.e., always dial) your wireless DPC connection! Tap **Modify** *to adjust.*

2. Enter your **User name** and **Password.**

   Pocket PC: In the **Dial from** field, select **Home**.



Network Log On screen

3. (Optional) For convenience, you can check the **Save password** box, but your password will be saved only after you start the connection.
4. For some mobile computers, you need to modify the dial properties. For instructions, refer to the device's user manual.
5. On a Pocket PC, tap **Connect**, or on a Pocket PC 2002, tap **OK**.
6. When your mobile computer starts calling, you should see the call status on both the mobile computer screen and the phone display.

Connection status screen

7. When a screen reports that you have **Connected**, a connection icon will also appear in your mobile computer's task tray:

Connection status screen

Ending a Data Call

1. Go to **Start | Today**.
2. Tap on the connection icon in the task tray.
3. The call status screen will appear (shown above).
   On a Pocket PC, tap **Disconnect**. On a Pocket PC 2002, tap **End**.
   The task tray icon will disappear, and your mobile phone will hang up.

Making a Data Call for Palm-size and Handheld PC Devices

This section primarily shows Handheld PC screens. Palm-size PCs and pen tablets will have functionally equivalent screens. Any significant differences will be noted.

Placing a Data Call

1. Go to **Start | Programs | Communication**. On some mobile computers, you may also need to click on **Remote Networking**.
2. Tap on the icon for your wireless DPC connection.
3. In the next screen, enter your **User name** and **Password.**

Connection settings screen

4. (Optional) For convenience, you can check the **Save password** box, but your password will be saved only after you start the connection.
5. For some mobile computers, you must modify the dial properties so the mobile computer can dial properly. For instructions, refer to the mobile computer's user manual.
6. Tap **Connect**. When your mobile computer starts calling, you should see the call status on both the mobile computer screen and phone display.

Connection status screen

7. When a screen reports that you have **Connected**, a connection icon will also appear in your mobile computer's task tray.

Connection status screen

Ending a Data Call

1. Tap on the connection icon in the task tray.
2. In the status screen that appears, tap **Disconnect**.
   The task tray icon will disappear, and your mobile phone will hang up.

Connection status screen

Limited Warranty

Socket Communications Incorporated (Socket) warrants this product against defects in material and workmanship, under normal use and service, for the following periods from the date of purchase:

Plug-in card: Lifetime (Three years if not registered)
Non-removable cable: Lifetime (Three years if not registered)

Incompatibility is not a defect covered by Socket's warranty. During the warranty period, Socket will, at its option, repair or replace the defective product at no charge when furnished with proof of retail purchase, provided that you deliver the product to Socket or to an authorized Socket Service Center.

The returned product must be accompanied by a return material authorization (RMA) number issued by Socket or by Socket's Authorized Service Center. If you ship the product, you must use the original container or equivalent and you must pay the shipping charges to Socket. Socket will pay shipping charges back to any location in the contiguous United States. This warranty applies only to the original retail purchaser and is not transferable.

Socket may, at its option, replace or repair the product with new or reconditioned parts and the returned product becomes Socket's property. Socket warrants the repaired or replaced products to be free from defects in material or workmanship for ninety (90) days after the return shipping date, or for the duration of the original warranty period, whichever is greater.

This warranty does not cover the replacement of products damaged by abuse, accident, misuse or misapplication, nor as a result of service or modification other than by Socket.

SOCKET IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING DAMAGE TO PROPERTY AND, TO THE EXTENT PERMITTED BY LAW, DAMAGES FOR PERSONAL INJURY. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some states do not allow limitation of implied warranties, or the exclusion or limitation of incidental or consequential damages, so that the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This product may contain fully tested, recycled parts, warranted as if new.
For warranty information, phone (510) 744-2700.

Limited Software Warranty

LIMITED WARRANTY. SOCKET warrants that the original disk or CD ROM is free from defects for 90 days from the date of delivery of the SOFTWARE.

CUSTOMER REMEDIES. SOCKET'S entire liability and your exclusive remedy shall be, at SOCKET'S option, either (a) return of the price paid or (b) replacement of the SOFTWARE which does not meet SOCKET'S Limited Warranty and which is returned to SOCKET with a copy of your receipt. Any replacement SOFTWARE will be warranted for the remainder of the original warranty period or 30 days, whichever is longer. THESE REMEDIES ARE NOT AVAILABLE OUTSIDE OF THE UNITED STATES OF AMERICA.

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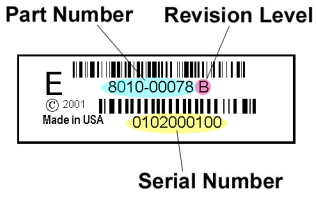
TECHNICAL SUPPORT

If you have trouble installing or using the DPC, please refer to the "Troubleshooting" section in the *User's Guide* in the *Docs* folder on the *Socket Digital Phone Card Installation CD*.

If you still have trouble, contact Socket's technical support prepared with the following:

- The part number (including revision level) and serial number of your DPC. See the diagram below.
- The manufacturer, model number, and operating system of your mobile computer
- The manufacturer, model number, and carrier of your mobile phone
- If applicable, the Windows version on your host PC
- How you tried to correct the problem



To reach Socket's technical support department:

- Visit www.socketcom.com
- Email techsupport@socketcom.com
- Phone 510-744-2720
- Fax 510-744-2727

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